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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/712,097	11/14/2003	Daisuke Nakamura	016914-0230	1950

22428 7590 08/29/2006

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EXAMINER

HAUGLAND, SCOTT J

ART UNIT

PAPER NUMBER

3654

DATE MAILED: 08/29/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/712,097	Applicant(s) NAKAMURA ET AL.	
	Examiner Scott Haugland	Art Unit 3654	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 June 2006.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8, 10-16, 18 and 19 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-8, 10-16, 18 and 19 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 1-8, 10-16, 18, and 19 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

The language of claim 1, lines 8-9 and claim 2, lines 7-8 is unclear. The two occurrences of the term "support member" on these lines appears to designate different elements.

It appears that "at least one support member" in claim 1, line 10 refers to at least one of the support members previously recited.

It is not clearly set forth in claim 1 that the language "another opposed support member" on lines 10-11 refers to the other support member.

It appears that "at least one support member" in claim 2, lines 15-16 should be "at least one of the support members".

It appears that "at least one support member" in claim 2, line 38 should be "at least one of the support members".

It is not clearly set forth that the contact members recited in claim 2, line 38 include the contact member of claim 2, line 10.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-8, 10-16, 18, and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over either of JP 6-115786 or JP 6-74104 in view of Miller et al (U.S. Pat. No. 6,299,099).

JP '786 and JP '104 disclose structure for decreasing the distance between the roll supports and include pressure change assigning means for changing the pressing force of the roll supports against an inner tube of the roll. The roll supporting and pressure change structures of both apparatus are capable of increasing pressing force in the event of occurrence of an emergency stop signal of a rotary press.

The Japanese documents do not disclose the claimed details of the support members.

Miller et al teaches forming support members of a paper roll support device with a contact member 52, 252, an insertion section (tapered portion of 50, 250), and a flange (on 50, 250). The contact members travel along inclined grooves formed in the surface of the insertion section. Each contact member comprises an erected section (flange at right end of 52 in Fig. 2 and at right end of 252 in Fig. 9) and a base section (remainder of 52, 252).

It would have been obvious to one having ordinary skill in the art to provide the roll support device of JP '786 or JP '104 with support members each having a contact member, an insertion section having inclined grooves in which the contact member travels, and a flange as taught by Miller et al to permit the support members to grip and securely hold the paper roll.

Response to Arguments

Applicants' arguments filed 6/20/06 have been fully considered but they are not persuasive.

Applicants argue that neither JP 6-115786 or JP 6-74104 disclose a pair of support means each of which comprises a sleeve and a support member. However, JP 6-115786 has, e.g., sleeves 2 and support members 1. JP 6-74104 has sleeves 7, 8, 9, 10 and support members 4, 5. Miller et al, also, discloses these elements (Figs. 2, 9, 10).

Applicants argue that the limitations of claim 10 and 18 are not disclosed or taught by the applied references. However, Miller et al teaches inclined grooves that become shallower as the base section of the contact member 52, 252 moves toward a flange on 50, 250.

Applicants argue that contact members 52 of Miller et al are not capable of moving toward a flange of the support member. However, the contact members 52, 252 in Miller et al are, like the contact members in Applicants' apparatus, moveable relative to insertion sections 50, 250 and flanges thereon.

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Scott Haugland whose telephone number is (571) 272-6945. The examiner can normally be reached on Monday - Thursday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kathy Matecki can be reached on (571) 272-6951. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3654

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

sjh
sjh
8/22/06

Kathy Matecki

**KATHY MATECKI
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